

## AUTHOR INDEX

- Adamson, A.H., *see* Givens, D.I. et al.  
 Akin, D.E., *see* Horn, G.W. et al.  
 Alumot, E., *see* Bruckental, I. et al.  
 Åman, P., *see* Narasimhalu, P. et al.  
 Aumaitre, A., Bourdon, D., Peiniau, J. and Bengala Freire, J. (L'Hermitage, France)  
   Effect of graded levels of raw and processed rapeseed on feed digestibility and nutrient utilization in young pigs ..... 275  
 Bell, J.M. and Keith, M.O. (Saskatoon, Sask., Canada)  
   Factors affecting the digestibility by pigs of energy and protein in wheat, barley and sorghum diets supplemented with canola meal ..... 253  
 Bengala Freire, J., *see* Aumaitre, A. et al.  
 Ben-Ghedalia, D., Yosef, E., Miron, J. and Est, Y. (Bet Dagan, Israel)  
   The effects of starch- and pectin-rich diets on quantitative aspects of digestion in sheep . 289  
 Bourdon, D., *see* Aumaitre, A. et al.  
 Bruckental, I., Harduf, Z., Yosif, B. and Alumot, E. (Bet Dagan, Israel)  
   Coating markers to improve their use for feed evaluation in ruminants ..... 351  
 Chase, Jr., C.C. and Hibberd, C.A. (Stillwater, OK, U.S.A.)  
   Effect of level and frequency of maize supplementation on the utilization of low-quality grass hay by beef cows ..... 129  
 Cockburn, J.E., *see* Mason, V.C. et al.  
 Cook, J.E., *see* Mason, V.C. et al.  
 Cooper, E.M., *see* Mason, V.C. et al.  
 Courtin, M.G. and Spoelstra, S.F. (Lelystad, The Netherlands)  
   Counteracting structure loss in pressed sugar beet pulp silage ..... 97  
 Crickenberger, R.G., *see* Ortigues, I. et al.  
 De Paepe, M. *see* Eeckhout, W. and de Paepe, W.  
 Eeckhout, W. and de Paepe, M. (Melle-Gontrode, Belgium)  
   Alkali-treated soya flour for piglets ..... 1  
 Est, Y., *see* Ben-Ghedalia, D. et al.  
 Everington, J.M., *see* Givens, D.I. et al.  
 Finley, J.W., *see* Nelson, M.L. and Finley, J.W.  
 Fontenot, J.P., *see* Ortigues, I. et al.  
 Givens, D.I., Everington, J.M. (Stratford-on-Avon, Gt. Britain) and Adamson, A.H. (Bristol, Gt. Britain)  
   The digestibility and metabolisable energy content of grass silage and their prediction from laboratory measurements ..... 27  
 Goto, I., *see* Shimojo, M. and Goto, I.  
 Graham, H., *see* Narasimhalu, P. et al.  
 Guenter, W., *see* Rotter, B.A. et al.  
 Han, Y.W. (New Orleans, LA, U.S.A.)  
   Use of microbial phytase in improving the feed quality of soya bean meal ..... 345  
 Hanczakowski, P. and Skraba, B. (Balice, Poland)  
   The effect of toxic substances present in some leaf protein concentrates on their nutritive value ..... 151  
 Harduf, Z., *see* Bruckental, I. et al.  
 Hartley, R.D., *see* Mason, V.C. et al.  
 Harvey, R.W. and Spears, J.W. (Raleigh, NC, U.S.A.)  
   Effect of blood meal processing method on performance and nitrogen utilization by growing cattle ..... 337

- Harvey, R.W., *see* Ortigues, I. et al.
- Hibberd, C.A., *see* Chase, Jr., C.C. and Hibberd, C.A.
- Hlödversson, R. (Uppsala, Sweden)
- The effect of mechanical treatment on the nutritive value of high-moisture barley and the performance of growing-finishing pigs ..... 121
- Hoadley, C.J., *see* Mason, V.C. et al.
- Horn, G.W. (Stillwater, OK, U.S.A.), Zorrilla-Rios, J. and Akin, D.E. (Athens, GA, U.S.A.)
- Influence of stage of forage maturity and ammoniation of wheat straw on ruminal degradation of wheat forage tissues ..... 201
- Ibrahim, M.N.M., Zemmeling, G. (Wageningen, The Netherlands) and Tamminga, S. (Lelystad, The Netherlands)
- Effect of urea treatment on rumen degradation characteristics of rice straws ..... 83
- Igwe, F.O., *see* Udedibie, A.B.I. and Igwe, F.O.
- Ingalls, J.R., *see* Mbugi, P.K. et al.
- Keene, A.S., *see* Mason, V.C. et al.
- Keith, M.O., *see* Bell, J.M. and Keith, M.O.
- Krishna Reddy, G.V. and Raj Reddy, M. (Hyderabad, India)
- Nutritive value of rice straw (*Oryza sativa*) ensiled with animal excreta and rumen digesta ..... 69
- Linnerud, A.C., *see* Ortigues, I. et al.
- Marquardt, R.R., *see* Rotter, B.A. et al.
- Mason, V.C., Keene, A.S., Cook, J.E., Cooper, E.M. and Hartley, R.D. (Maidenhead, Gt. Britain)
- Oven and stack ammoniation of grass hays. 1. Changes in chemical composition in relation to digestibility in vitro and cell-wall degradability ..... 299
- Mason, V.C., Cook, J.E., Cooper, E.M., Hoadley, C.J. and Cockburn, J.R. (Maidenhead, Gt. Britain)
- Oven and stack ammoniation of grass hays. 2. Voluntary intake, digestibility and faecal nitrogen excretion in sheep in relation to hay composition ..... 313
- Mbugi, P.K., Ingalls, J.R. and Sharma, H.R. (Winnipeg, Man., Canada)
- Evaluation of pea protein concentrate as a source of protein in milk replacers for Holstein calves ..... 267
- McClure, W.H., *see* Ortigues, I. et al.
- McLeod, M.N. and Wilson, J.R. (St. Lucia, Qld., Australia)
- The effect of method of preservation of forages on their resistance to reduction in particle size with an artificial masticator ..... 185
- Miron, J., *see* Ben-Ghedalia, D. et al.
- Morgan, C.A., Whittemore, C.T. and Taylor, A.G. (Edinburgh, Gt. Britain)
- Body composition and growth of young pigs as affected by protein source and a growth promoter ..... 219
- Narasimhalu, P., Graham, H. and Åman, P. (Uppsala, Sweden)
- Effects of ozonation on the chemical composition and in vitro degradation of triticales internodes and red clover stems ..... 159
- Nelson, M.L. and Finley, J.W. (Pullman, WA, U.S.A.)
- Effect of soft white wheat addition to alfalfa-grass forage on heifer gain, diet digestibility and in vitro digestion kinetics ..... 141
- Neskar, M., *see* Rotter, B.A. et al.
- Ohajuruka, O.A. and Palmquist, D.L. (Wooster, OH, U.S.A.)
- Response of high-producing dairy cows to high levels of dried corn gluten feed ..... 191

- Ortigue, I., Fontenot, J.P. McClure, W.H. (Blacksburg, VA, U.S.A.), Crickenberger, R.G., Harvey, R.W. and Linnerud, A.C. (Raleigh, NC, U.S.A.)  
Distribution of liquid supplement injected into large bales of roughage and comparison of nitrogen supplements for stocker cattle fed low-quality roughages ..... 13
- Osei, S.A. and Twumasi, I.K. (Kumasi, Ghana)  
Effects of oven-dried cassava peel meal on the performance and carcass characteristics of broiler chickens ..... 247
- Owen, E., *see* Wrathall, J.H.M. et al.
- Palmquist, D.L., *see* Ohajuruka, O.A. and Palmquist, D.L.
- Peiniau, J., *see* Aumaitre, A. et al.
- Pike, D.J., *see* Wrathall, J.H.M. et al.
- Raj Reddy, M., *see* Krishna Reddy, G.V. and Raj Reddy, M.
- Rotter, B.A., Neskar, M., Guenter, W. and Marquardt, R.R. (Winnipeg, Man., Canada)  
Effect of enzyme supplementation on the nutritive value of hulless barley in chicken diets ..... 233
- Sharma, H.R., *see* Mbugi, P.K. et al.
- Shimojo, M. and Goto, I. (Fukuoka-shi, Japan)  
Effect of sodium silicate on forage digestion with rumen fluid of goats or cellulase using culture solutions adjusted for pH ..... 173
- Skraba, B., *see* Hanczakowski, P. and Skraba, B.
- Spears, J.W., *see* Harvey, R.W. and Spears, J.W.
- Spoelstra, S.F., *see* Courtin, M.G. and Spoelstra, S.F.
- Tamminga, S., *see* Ibrahim, M.N.M. et al.
- Taylor, A.G., *see* Morgan, C.A. et al.
- Twumasi, I.K., *see* Osei, S.A. and Twumasi, I.K.
- Udedibie, A.B.I. and Igwe, F.O. (Owerri, Nigeria)  
Dry matter yield and chemical composition of pigeon pea (*C. cajan*) leaf meal and the nutritive value of pigeon pea leaf meal and grain meal for laying hens ..... 111
- Vadiveloo, J. (Kuala Lumpur, Malaysia)  
The intake and digestibility in goats of *Leucaena leucophala* supplemented with dehydrated palm oil mill effluent ..... 45
- Walker, N. (Hillsborough, N. Ireland)  
Observations on the feeding of non-lactating sows on graded levels of liquid whey ..... 327
- Whittemore, C.T., *see* Morgan, C.A. et al.
- Wilson, J.R., *see* McLeod, M.N. and Wilson, J.R.
- Wrathall, J.H.M., Owen, E. and Pike, D.J. (Reading, Gt. Britain)  
Upgrading barley straw for goats: the effectiveness of a sodium hydroxide and urea dip method ..... 57
- Yosef, E., *see* Ben-Ghedalia, D. et al.
- Yosif, B., *see* Bruckental, I. et al.
- Zemmelink, G., *see* Ibrahim, M.N.M. et al.
- Zorrilla-Rios, J., *see* Horn, G.W. et al.